

IN THE CLAIMS:

1. (Currently Amended) An anchoring element for fixation in a first bone tissue and in a second bone tissue, the first and second bone tissues being separated by non-bone tissue, the anchoring element being elongated and comprising an apex and a first fixation portion disposed at the apex, both adapted for fixation in the first bone tissue, a basis, and a second fixation portion disposed at said basis and adapted for fixation in the second bone tissue, and an intermediate portion positionable in the non-bone tissue separating the first and second bone tissues,

~~characterized in that wherein~~ the second fixation portion has the form of a truncated cone having ~~the a~~ smaller basis adjacent to the intermediate portion and ~~the a~~ larger basis forming the basis of the anchoring element.

2. (Currently Amended) An anchoring element according to claim 1, ~~characterized in that wherein~~ the first ~~first~~ bone tissue is located in the os zygomaticum, and the second bone tissue is located in the maxilla.

3. (Currently Amended) An anchoring element according to claim 2, ~~characterized in that wherein~~ an attachment means intended for a denture or a dental bridge is arranged at the basis of the anchoring element.

4. (Currently Amended) An anchoring element according to ~~any of~~ ~~the previous claims, characterized in that~~ claim 1, wherein the first fixation portion has the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis adjacent to the intermediate portion.

5. (Currently Amended) An anchoring element according to ~~any of~~ ~~the previous claims, characterized in that~~ claim 1, wherein the first and second fixation portions and the intermediate portion together have the form of a truncated cone having ~~the~~ a smaller basis adjacent to the apex and ~~the~~ a larger basis forming the basis of the anchoring element.

6. (Currently Amended) An anchoring element according to ~~any of~~ ~~the previous claims, characterized in that~~ claim 1, wherein the first fixation portion is threaded.

7. (Currently Amended) An anchoring element according to ~~any of~~ ~~the previous claims, characterized in that~~ claim 1, wherein the second fixation portion is threaded.

8. (Currently Amended) An anchoring element according to claim 7, characterized in that wherein the second fixation portion comprises at least one recess transverse to the threads and disposed at the intermediate portion, comprising a distinct edge transverse to the threads, which edge provides a groove forming cutting unit.

9. (Currently Amended) An anchoring element according to claim 7, or 8, characterized in that wherein the intermediate portion has a smooth outer surface.

10. (Currently Amended) An anchoring element according to claim 9, characterized in that wherein the outer surface of the intermediate portion, the surface limited by the valleys of the threads of the threaded first fixation portion, and the surface limited by the valleys of the threads

of the threaded second fixation portion are portions of the envelope surface of the same truncated cone.

11. (Currently Amended) A dental anchoring member for fixation in the os zygomaticum and in the maxilla, the os zygomaticum and the maxilla being separated by non-bone tissue, the dental anchoring member being elongated and comprising an apex and a first fixation portion disposed at the apex, both adapted for fixation in the os zygomaticum, and a threaded second fixation portion disposed at the basis of the dental anchoring member and adapted for fixation in the maxilla, and an intermediate portion positionable in the non-bone tissue separating the os zygomaticum and the maxilla, an attachment means intended for a denture or a dental bridge being arranged at the basis of the dental anchoring member, ~~characterized in that~~ wherein the second fixation portion comprises at least one recess transverse to the threads and disposed at the intermediate portion, comprising a distinct edge transverse to the threads, which edge provides a groove forming cutting unit.

12. (Currently Amended) A dental anchoring member according to claim 11, ~~characterized in that~~ wherein the second fixation portion has the form of a truncated cone having ~~the~~ a smaller basis adjacent to the intermediate portion and ~~the~~ a larger basis forming the basis of the dental anchoring member.

13. (Currently Amended) A dental anchoring member according to claim 11 or 12, ~~characterized in that~~, wherein the first fixation portion

has the form of a truncated cone having ~~the~~a smaller basis adjacent to the apex and ~~the~~a larger basis adjacent to the intermediate portion.

14. (Currently Amended) A dental anchoring member according to ~~any~~ of the claims 11 to 13, characterized in that claim 11, wherein the first and second fixation portions and the intermediate portion together have the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis forming the basis of the dental anchoring member.

15. (Currently Amended) A dental anchoring member according to ~~any~~ of the claims 11 to 14, characterized in that claim 11, wherein the first fixation portion is threaded.

16. (Currently Amended) A dental anchoring member according to claim 15, characterized in that wherein the intermediate portion has a smooth outer surface.

17. (Currently Amended) A dental anchoring member according to claim 16, characterized in that wherein the outer surface of the intermediate portion, the surface limited by the valleys of the threads of the threaded first fixation portion, and the surface limited by the valleys of the threads of the threaded second fixation portion are portions of the envelope surface of the same truncated cone.

18. (Currently Amended) A dental anchoring unit for fixation in the os zygomaticum, the dental anchoring unit being elongated and comprising an apex and a fixation portion disposed at the apex, both adapted for fixation in the os zygomaticum, a basis, and an end portion disposed

between the fixation portion and said basis, the end portion being positionable in non-bone tissue between the os zygomaticum and the original position of the maxilla, and an attachment means intended for a denture or a dental bridge being arranged at the basis of the dental anchoring unit, ~~characterized in that~~ wherein the fixation portion has the form of a truncated cone having ~~the~~ a smaller basis adjacent to the apex and ~~the~~ a larger basis adjacent to the end portion.

19. (Currently Amended) A dental anchoring unit according to claim 18, ~~characterized in that~~ wherein the attachment means comprises an attachment hole and at least one contact surface for the denture or the dental bridge, and ~~that~~ the attachment hole is arranged at an angle to the longitudinal axis of the dental anchoring unit.

20. (Currently Amended) A dental anchoring unit according to claim 18 or 19, ~~characterized in that~~ wherein the fixation portion and the end portion together have the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis forming the basis of the dental anchoring unit.

21. (Currently Amended) A dental anchoring unit according to ~~any of the claims 18 to 20, characterized in that~~ claim 18, wherein the fixation portion is threaded.

22. (Currently Amended) A dental anchoring unit according to claim 21, ~~characterized in that~~ wherein the end portion has a smooth outer surface.

23. (Currently Amended) A dental anchoring unit according to claim 22, ~~characterized in that~~ wherein the outer surface of the end portion and the surface limited by the valleys of the threads of the threaded fixation portions of the envelope surface of the same truncated cone.